

OLSZENSKI, Z.; BIALOUSZ, S.; RUSIECKI, B.; SZMIDLIK, J.

Peat soils formed from peats of the Krowie Bagno peatland.
Rocznik nauk roln. 89 no. 1:47-75 '64

1. Department of Soil Science, Technical University, Warsaw.

BIALOWAS, Mikolaj, Swidnica

Arterial pressure in labor. Przegl. lek. Krakow 10 no.12:331-333
Dec 54.

1. Ze Szpitala miejskiego w Swidnicy. Oddzial ginekologiczny.
Dyrektor i ordynator: E.Zaporowski
(LABOR, physiology
arterial pressure)
(BLOOD PRESSURE
arterial in labor)

BIALOWAS, Mikolaj

Case of severe Amanita phalloides poisoning in child. Polski tygod.
lek. 9 no.49:1586-1588 6 Dec 54.

1. Ze Szpitala Miejskiego w Swidnicy; dyrektor: dr Edmund
Zaporowski.

(MUSHROOMS, pofsoning,
Amanita phalloides, in child)
(POISONING,
Amanita phalloides, in child)

EXCERPTA MEDICA Sec. 6 Vol. 11/+ Apr. 57
BIAŁOWAS M.

2098. BIAŁOWAS M. and KUROWSKI K. Odd. Chor. Wewn. Powiatowego Szpit.,
Strzelin. *Zastosowanie ACTH w leczeniu półpaśca. Employ of
ACTH in the treatment of herpes zoster POL.TYG.LEK.
1956, 11/26 (1188)

One case was treated with insulin and the pain subsided after some days, al-
though the skin lesions persisted for 22 days. In 2 other cases treated with ACTH
(2 X 25 mg. daily) the pain subsided in 1-2 days and the skin lesions in 6-7 days.
It is suggested that insulin acts by way of production of ACTH.

Lukaszewicz-Dańska - Warsaw (XX, 6, 8, 13)

EXCERPTA MEDICA Sec 8 Vol 12/12 Neurology Dec 59

6042. ONE OF THE CHEST REFLEXES - Jeden z odruchów klatki piersiowej - Bielowsas M.
Pow. Szpit., Strzelin - POL. TYG. LEK. 1958, 13/3 (106-108) illus. 1

In some diseases, e.g. in tetanus, truncitis sympathica, spondylitis tuberculosa, radiculitis thoracalis, neurosis vegetativa, embolia cerebri etc. a reflex adduction of arms to the trunk was observed under the influence of quick gliding over the chest with the handle of the neurological hammer (or with a key) from the clavicle downwards, perpendicularly to the ribs. The arch of this reflex is closed in the segments C5-Th4 and remains in strict connection with the vegetative nervous system. Tenderness usually over the Th3-Th4-Th5 was present on physical examination. This reflex is similar to the clavicular reflex (Monrad-Krohn) and the pectoral reflex (Wartenberg, Wechsler). The author calls the observed phenomenon the ladder-like reflex.

BIALOWAS, Mikolaj

Blood viscosity, venous & arterial pressure during dehydration states.
Polskie arch.med.wewn. 28 no.4:526-528 1958.

l. Z Pow. Szpitala w Strzelinie. Dyrektor: dr med. A. Ochlewski
Adres autorat: Strzelin, Szpital Powiatowy.

(DEHYDRATION, manifest.
blood viscosity & arterial & venous pressures (Pol))

(BLOOD,
viscosity in dehydration states (Pol))

(BLOOD PRESSURES, in various dis.
arterial & venous pressures in dehydration states (Pol))

BIALOWAS, Mikolaj; KUROWSKI, Konrad; GROCHOWSKI, Ryszard

Effect of steroid hormones on blood pressure and viscosity.
Polskie arch.med.wewn. 30 no.6:810-812 '60.

l. z Powiatowego Szpitala w Strzelinie Dyrektor: dr med.

A.Ochlewski.

(ADRENAL CORTEX HORMONES pharmacol)
(CORTICOTROPIN pharmacol)
(BLOOD PRESSURE pharmacol)
(BLOOD pharmacol)

BIALOWAS, Mikolaj

Case of Itsenko-Cushing syndrome caused by a pituitary tumor.
Wiad. lek. 18 no.13:1115-1117 1 Jl '65.

1. z Oddzialu Chorob Wewnetrznych Szpitala Pow. w Strzelinie
(Ordynator: lek. med. M. Bialowas).

BIAŁOWAS, Mikołaj; WIELOWIEJSKI, Zygmunt

Case of congenital prolapse of viscera into the thorax in a newborn infant. Wiad. lek. 18 no.14:1197-1198 15 XI '65.

1. Ze Szpitala Pow. w Strzelinie (Dyrektor i ordynator Oddz. GIN.-POLOZN.: dr. Z. Wielowiejski).

S/137/62/000/01C/002/028
A052/A101

AUTHORS: Olszak, Feliks, Kozielski, Jozef, Bialowas, Wieslaw, Makowski,
Henryk, Szczepanik, Zenobiusz

TITLE: A method of increasing nickel concentration in an iron-nickel
alloy

PERIODICAL: Referativnyy zhurnal, Metallurgiya, no. 10, 1962, 23,
abstract 10G162P (Polish pat, no. 44838, July 20, 1961)

TEXT: The method consists in conversion of Fe-Ni alloy accompanied by a
partial slagging of Fe as a result of which the Ni concentration in the alloy
increases. Air or oxygen blast is used. The converter lining should be preferably
a basic one. In the process of conversion acid fluxes are added to bind Fe oxides
being found.

Ya. Dozorets

[Abstracter's note: Complete translation]

Card 1/1

MIRATYN SKA RUSINOWA, Elzbieta; BIALOWAS-SUCHANEK, Miroslawa

Clinical evaluation of various methods for the protection of surgical wound after cataract extraction. Klin. oczna 31 no.3:
241-243 '61.

1. Z Oddzialu Chorob Oczu Szpitala Ogolnego Nr 1 w Bydgoszczy
Ordynator: dr med. E.Rusinowa.
(CATARACT EXTRACTION)

BIALOWAS-WYSOCKA, Krystyna

Acute intestinal obstruction caused by helminths. Pediat. polska
30 no.8:697-698 Aug '55.

1. Z Kliniki Chirurgii Dziecięcej A.M. w Warszawie. Kierownik:
prof. dr med. J. Kossakowski i z Instytutu Doskonalenia i
Specjalizacji Kadra Lekarskich Dyrektor: prof.dr Med. W. Hartwig.
Warszawa, Litewska 16.

(HELMINTH INFECTION, complications,
intestinal obstruct. in child)
(INTESTINAL OBSTRUCTION: etiology and pathogenesis,
helminths in child.)

BIALOWAS-WYSOCKA, Krystyna

Observations on congenital umbilical hernias. Pediat. polska
31 no.7:747-754 July 56.

1. Z Kliniki Chirurgii Dziecięcej A.M. w Warszawie Kierownik:
prof. dr. med. J. Kossakowski, Warszawa, Litewska 16.
(HERNIA, UMBILICAL,
congen. (Pol))

BIALOWAS-WYSOCKA, K.; KOSSAKOWSKI, J.

Observations on sudden thoracotomies in suppurative pulmonary and pleural diseases. Pediat. polska 34 no.1:13-23 Jan 59.

l. Z Kliniki Chirurgii Dziecięcej A. M. w Warszawie Kierownik: prof.
dr med. J. Kossakowski.

(LUNG DISEASES, in inf. & child,
suppurative dis., thoracotomy (Pol))

(PLEURA, dis.
suppurative dis. in child., thoracotomy (Pol))

BIAŁOŻYŃSKI, Gr.

*Hydration of the NO_3^+ ion in concentrated nitric acid.
 Antoni Świnarski and Grzegorz Białożyński (Univ. Toruń,
 Poland). Roczniki Chem. 33, 807-18 (1959) (French sum-
 mary).—The properties of 80 to 100.8% HNO_3 at 0° were
 investigated by titration and photometric and cond. detns.
 Neg. hydration occurred at the highest concn. The results
 of Chedin and Feneant (C.A. 41, 6163a) are essentially con-
 firmed, but the equil. existing at concns. of 75-90% should
 be presented as $\text{HNO}_3 \cdot n\text{H}_2\text{O} \rightleftharpoons [\text{NO}_3(\text{H}_2\text{O})_n]\cdot\text{OH}$. The
 hydrate $(\text{NO}_3\text{H}_2\text{O})^+$ exists at concn. of 84%.*

A. Kęglewski

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 JBN
 4E3 d
 1-71. JD
 1-51. JSW

CW
 11

Jakład Chemiczny Nieorganicznej Uniwersytetu Mikołaja Kopernika, Toruń

Notatka

BIALOZYTA, J

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11/11

CZECH

New Pneumatic Refractory Thrower for Open-Hearth
Repairs Devised by Board of the Order of Labour. J. Bialozysta.
(Hutnik, (Prague), 1951, 4, (11), 313). (In Czech) A simple
throwing device consists of a steel tube 4½ in. inside
dia., 11 ft. long, with a controlled supply of compressed air
coupled to one end, and a tapering hopper 22 in. high with an
adjustable slide controlling the fall of material at the air inlet.

BIALSKI, E.

"Some remarks concerning the standardization and appraisal of work in collective farms."
(p. 54) NOWE ROlnICTWO (Panstwowe Wydawnictwo Rolnicze i Lesne) Warszawa, Vol. 3, No. III,
Mar. 1954.

SO: East European Accessions List, Vol 3, No. 8, August 1954

BLAISCHI, E.

AGRICULTURE

periodicals: ZAMENILNIA IZKONOMIKI RSRMAJ. No. 6, 1958

BLAISCHI, E. A standard method of determining work requirements on peasant farms. p. 29.

Monthly List of East European Accessions (WEAI) EC Vol. 8, no. 5
May 1959, Unclass.

BIALSKI, E.

Some indispensable methodological suggestions in the planning of work in
agriculture. P 244

NOWE BOLNICTWO (Panstwowe Wydawnictwo Rolnicze i Lesne) Warszawa ^{POLAND}
Vol. 8, no. 7, Apr. 1959

Monthly List of East European Accessions (EEAI) LC. Vol. 8, no. 7, July 1959

Uncl.

ROZOWSKI, Tadeusz; BIALUNSKA-KUDERWICZ, Sabina

Agglutination reaction one year after recovery from tularemia.
Przegl.epidem.Warsz. 9 no.2:115-117 1955.

1. Z Wojewodzkiej Stacji Sanitarno-Epidemiologicznej w Szczecinie
(TULAREMIA, immunology,
agglut.reaction one year after recovery)

JEDYNAK, Mieczyslaw, inz.; RUBASZOWSKI, Tadeusz, inz.; BIALY, Adam, inz.; BOTWINA, Mieczyslaw, inz.; MARTELA, Ludwik, inz.; NIKIEL, Tadeusz, inz.; LIZEWSKI, Waclaw, inz.

Increasing the maximum power of 55 MW Skoda steam turbines during the peak period by 3 MW, during 3 hours, for each turbine. Increasing the maximum power of 20 MW Alsthom steam turbines during the peak period by 1 MW, during 3 hours, for each turbine. Gosp paliw 11 Special issue no.(95):58 Ja '63.

1. Elektrownia Stalowa Wola.

JEDYNAK, Mieczyslaw, inz.; RUBASZOWSKI, Tadeusz, inz.; BIALY, Adam, inz.
BOTWINKA, Mieczyslaw, inz.; MARTEJA, Ludwik, inz.; NIKILL,
Tadeusz, inz.; LIZEWSKI, Waclaw, inz.

Increasing the maximum power of 55 MW Skoda steam turbines
during the peak period by 3 MW, during 3 hours, for each
turbine. Increasing the maximum power of 20 MW Alsthom steam
turbines during the peak period by 1 MW, during 3 hours, for
each turbine. Gosp paliw 11 Special issue no.(95):58 Ja '63.

1. Elektrownia Stalowa Wola.

1-FW

Bialynicki-Birula, A.; and Zelazko, W. On the multiplicative linear functionals on the Cartesian product of algebras, Bull. Acad. Polon. Sci. Cl. III. 5 (1957), 589-593. (Russian summary)

Let the cardinal number of a set A be denoted by \tilde{A} . A cardinal number m is said to have measure $\neq 0$ if there is a countably additive measure μ defined on all subsets of a set A of cardinal number m such that μ vanishes for points, $\mu(A)=1$, and μ assumes only the values 0 and 1. Let \aleph_1 be the smallest cardinal number of measure $\neq 0$ (if one exists). Let $\{R_i\}_{i \in T}$ be a family of algebras over a field K and let $R = \prod_{i \in T} R_i$ be the Cartesian product of the algebras R_i . Let f_{t_0} be a multiplicative linear functional on R_{t_0} for some $t_0 \in T$. The mapping on R defined by $(*)/(x) = f_{t_0}(x(t_0))$ for all $x \in R$ is obviously a multiplicative linear functional on R . Theorem: Suppose that $\tilde{K} < \aleph_1$. Then every multiplicative linear functional on R has the form $(*)$ if and only if $\tilde{T} < \aleph_1$. The proof given fails if K is finite (see line -17 of page 591). On line -10 of page 592, read $\tilde{\mu}(p)$ for $\mu(p)$. [For similar results, see S. Mazur, Ann. Soc. Polon. Math. 19 (1946), 241; and Hewitt, Fund. Math. 37 (1950), 161-189; MR 13, 147.] E. Hewitt.

BALCERZYK, S.; BIALYNICKI-BIRULA, A.; LOS, J.

On direct decompositions of complete direct sums of groups of rank 1.
Bul Ac Pol Mat 9 no.6:451-454 '61.

1. Institute of Mathematics, Polish Academy of Sciences. Presented
by A. Mostowski.

BIALYNICKI-BIRULA, A.

On Vietoris mapping theorem and its inverse. Fund math 53
no.2:135-145 '64.

1. Institute of Mathematics, Polish Academy of Sciences, Warsaw.

Stackmark-Davies, J.

\$30.145

2

491. A NEW APPROACH TO TIME REFLECTION.

I. Rabinovich-Burak.

Bull. Acad. Polon. Sci. Cl. 3, Vol. 6, No. 8, 505-7 (1957).

It is pointed out that covariance can be obtained by considering Planck's constant \hbar as a pseudoscalar under time reflections.

W.A. Kepner.

OP

BIALYNICKI-BIRULIA, I.

POLAND/Theoretical Physics - Quantum Theory of Fields

B-6

Abs Jour : Ref Zhur - Fizika, No 11, 1958, No 24462

Author : Bialynicki-Birula I.

Inst : Warsaw University, Poland

Title : On Internal Degrees of Freedom of Particles in Quantum Field Theory.

Orig Pub : Bull. Acad. polon. sci., 1957, Cl. 3, 5, No 9, 905-909

Abstract : It is noted that in quantum theory of the free field, described by first-order equations $(i\gamma^\mu \partial_\mu + \lambda) \psi = 0$, there exists integrals of motion of the form

$$G(\Gamma) = \frac{1}{2} i\hbar \int d^4x [\bar{\Psi}_\alpha P_{\alpha\beta} \partial_\lambda \Psi_\beta - (\partial_\lambda \bar{\Psi}_\alpha) P_{\alpha\beta} \Psi_\beta].$$

Thus, for example, $G(1)$ and $G(\gamma_\mu)$ are operators of charge and field momentum and

$$G(m_{\mu\nu}) = G\left(\frac{1}{2} i\varepsilon_{\mu\nu\rho\sigma} \gamma^\rho \gamma_5\right), \quad G(s_\mu) = G\left(\frac{1}{2} \varepsilon_{\mu\nu\rho\sigma} \gamma^\rho \gamma_5 \gamma_\sigma\right)$$

are the operators of its magnetic-electric moment and polarization. It is then shown that the quantities $G(s_\nu n_\mu)$ and

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POLAND/Theoretical Physics - Quantum Theory of Fields

B-6

Abs Jour : Rof Zhur - Fizika, No 11, 1958, No 24462

$G_{\mu\nu\nu\mu}$, were n_μ and $n_{\mu\nu}$ are arbitrary vector and anti-symmetrical tensor, can be measured simultaneously with the momentum of the single-particle state.

Card : 2/2

POLAND/Theoretical Physics - Quantum Theory of Fields

B-6

Abs Jour : Rof Zhur - Fizika, No 11, 1958, No 24464

Author : Bialynicki-Birula I.

Inst : Not Given

Title : On the Operators Characterizing the Internal Degrees of Freedom of the Interacting Fields

Orig Pub : Bull. Acad. polon., sci., 1957, Cl. 3, 5, No 12, 1123-1126,
XCI

Abstract : The equations of motion are obtained for the previously introduced (Abstract 24462) operators $G(T)$ for the case of: (1) a spinor field, interacting with pseudo-scalar meson field and (2) spinor electro-dynamics. As a particular case, the Lorentz equation is obtained for quantum electrodynamics.

Card : 1/1

POLAND/Theoretical Physics - Quantum Theory of Fields

B-6

Abs Jour : Ref Zhur - Fizika, No 11, 1958, No 24465

Author : Bialynicki-Birula I.

Inst : Not Given

Title : Schwinger's Functional Without any Anti-Commuting External Sources.

Orig Pub : Bull. Acad. polon. sci., 1957, Cl. 3, 5, No 12, 1127-1129,
XCII

Abstract : It is shown that the system of coupling equations for the Green's function in quantum theory can be obtained with the aid of a functional, that contains instead of the anti-commuting sources of the spinor fields $\gamma(x)$ and $\bar{\gamma}(x)$, the source of the spinor field $\tilde{\psi}(x,y)$, which is the usual function. The new functional is obtained from the functional containing $\gamma(x)$ and $\bar{\gamma}(x)$, by replacing the integral

$$\text{by } \int d^4x [\gamma(x) \psi(x) + \bar{\gamma}(x) \bar{\psi}(x)]$$

$$\text{Card : 1/1} \quad \int d^4x d^4y \bar{\psi}(x) \bar{\Gamma}(x,y) \psi(y).$$

POLAND/Theoretical Physics - Quantum Theory of Fields.

B

Abs Jour : Ref Zhur Fizika, No 2, 1960, 2685

boson field. In such a theory no difficulties arise because of renormalization. On the other hand, in the corresponding theory of the Lee model there arise nevertheless the same difficulties as in the ordinary Lee model. Starting with this, the author reaches the conclusion that the necessity of introducing an indefinite matrix in the Lee model is connected with those simplifications, which are used in the model in which disturbed asymmetry between the operations of creation and annihilation. -- A.A. Rukhadze

Card 2/2

- 5 -

BIALYNICKI-BIRULA, I.

On the gauge conditions in quantum electrodynamics. *Bil Ac Pol*
mat 10 no.4:225-228 '62.

1. Institute of Theoretical Physics, University, Warsaw. Presented
by L.Infeld.

BIALYNICKA-BIRULA, I.

On a renormalizable theory of vector mesons. Bul Ac Pol mat
10 no.5:309-310 '62.

1. Institute of Theoretical Physics, University, Warsaw.
Presented by L.Infeld.

BIALYNICKI-BIRULA, I.

Equation for the propagators in the gauge covariant formulation
of quantum electrodynamics. Bul Ac Pol mat 10 no.7:381-383
'62.

1. Institute of Theoretical Physics, University, Warsaw.
Presented by L. Infeld.

S/058/62/000/012/006/048
A160/A101

AUTHOR: Bialynicki-Birula, I.

TITLE: The gauge conditions in quantum electrodynamics

PERIODICAL: Referativnyy zhurnal, Fizika, no. 12, 1962, 40 - 41, abstract 12A367
("Bull. Acad. polon. sci. Sér. sci. math. astron. et phys.", no. 4,
1962, v. 10, 225 - 228, English; summary in Russian)

TEXT: It is noted that, within the limits of canonical formalism, it is impossible to formulate the quantum electrodynamics in the explicit relativistic-covariant way. It is proposed to use, for this purpose, Feynman's method of integration by paths. In distinction from the works of other authors, the integration is not carried out over all possible values of the potentials, but only over the region admissible by the gauge conditions. Hereby, there is a close correspondence with the classic theory and, in the special case of Lorentz gauging, an explicit relativistic covariance. Presented are also formulas for gauge transformations of the type $A^0 = 0$ and $\text{div}A = 0$.

[Abstracter's note: Complete translation]

E. Lipmanov

Card 1/1

BIALYNICKI-BIRULA, I.

Certain equivalence theorems in quantum field theory. Bul Ac
Pol mat 10 no.7:385-390 '62.

1. Institute of Theoretical Physics, University, Warsaw.
Presented by L.Infeld.

BIALYNICKI, Birula, I.

Gauge-invariant variables in the Yang-Mills theory. *Bul Ac Pol
mat* 11 no.3:135-138 '63.

1. Institute of Theoretical Physics, University, Warsaw.
Presented by L. Infeld.

BIALYNICKI-BIRULA,I.; SNIATYCKI,J.; TATUR, S.

Functional methods in the Thirring model. Bul. Ac. Pol. mat. 11 no.7:479-482 '63.

1. Institute of Theoretical Physics, University, Warsaw.
Presented by L. Infeld.

BIALYNICKI-BIRULA, I.

Gauge covariant and gauge invariant Green functions. Connection
between Zumino's and Mandelstam's formulations. Bul. Ac. Pol.
mat. II no. 7:483-485 '63.

1. Institute of Theoretical Physics, University, Warsaw.
Presented by L. Infeld.

BIRULIA, I.

The electron propagator in the two-component formulation of
quantum electrodynamics. Buletinul matematic 12 no.4:231-232 '64.

I. Institute of Theoretical Physics, University, Warsaw.
Presented by L. Infeld.

POLAND

BIALYNICKI-BIRULA, Iwo

Institute of Theoretical Physics, Univ. of Warsaw (Instytut Fizyki
Teoretycznej Uniwersytetu Warszawskiego)

Crakow, Postepy fizyki, No 4, [July/Aug] 1966, pp 359-74

"Feynman diagrams in statistical physics."

BIALYNICKA-BIRULA, Z.

Dispersion relationships in the quantum field theory. p. 409

POSTĘPY FIZYKI. (Polskie Towarzystwo Fizyczne) Warszawa, Poland
Vol. 10, no. 4, 1959

Monthly List of East European Accessions (EEAI) LC, Vol. 9, no. 2,
Feb. 1960.

(Incl.

Birlynicki-Birula Z.

POLAND/Theoretical Physics - Quantum Theory of Fields

B-6

Abs Jour : Ref Zhur - Fizika, No 11, 1958, No 24463

Author : Birlynicki-Birula I., Birlynicki-Birula Z.

Inst : Institute of Physics, Polish Academy of Sciences, Poland

Title : On the Polarization and Magnetic Moment of Spinor Particles in
the Quantum Field Theory.

Orig Pub : Bull. Acad. polon., sci., 1957, Cl. 3, 5, No 12, 1119-1121,
XCII

Abstract : In the case of the Dirac field, the author considers the eigenvalues of the operators $G(s_\mu n_\mu)$ and $G(n_\nu n_\mu)$, introduced by the author previously (Abstract 24462). It is shown that the eigenvalues of the field-polarization operator $G(s_\mu n_\mu)$ are independent of the projection of the vector n_μ on the direction of the four-momentum of the particle.

Card : 1/1

3

BIALYNICKA-BIRULA, Z.

On the coupling constant in a model with unstable particle.
Bul Ac Pol mat 10 no.5:305-308 '62

1. Institute of Physics, Polish Academy of Sciences, Warsaw.
Presented by L.Infeld.

BIALYNICKA-BIRULA, Z.

Redundant zeros and poles on the unphysical sheet in a model of
field theory. Bul Ac Pol mat 11 no.5:301-304 '63.

1. Institute of Physics, Polish Academy of Sciences, Warsaw.
Presented by L. Infeld.

BIAŁOWAS-WYSOCKA, Krystyna

Alarming errors in the management of congenital oesophageal atresia. Wiad. lek. 18 no. 58395-398 1 Mr '65

1. z Kliniki Chirurgii Dziecięcej Akademii Medycznej w Warszawie (Kierownika prof. dr. J. Kosakowski).

BIALYY, A.M.

Loss of soil moisture and moisture circulation in crop rotation.
Pochvovedenie no.4:7-15 Ap '62. (MIRA 15:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut agrolesomelioratsii.
(Soil moisture) (Plants--Water requirement)

BIANCA, Ilie

Tumoral disease of mice transmissible by cell-free material.
II. Evolution of the disease toward a form of cytemic or
acytemic tumoral reticulososis. Stud. cercet. inframicrobiol.
14 no.3:355-361 '63.

1. Comunicare prezentata la Institutul de inframicrobiologie
al Academiei R.P.R.
(RETICULOENDOTHELIOSIS) (RODENT DISEASES)

RUMANIA

BIANCA, Ilie of the Oncological Institute (Institutul Oncologic)
Bucharest.

"Experimental Investigations in the Problem of the Oncogenic
Action of Vaccinia Virus."

Bucharest, Studii si Cercetari de Inframicrobiologie, Vol 14,
No 5, 1963, pp 625-634.

Abstract [Author's English summary modified]: After 12 months,
7.1 % of H mice inoculated with Ehrlich ascites filtrate developed
tumors; 53.8% of the cases inoculated with Ehrlich filtrate and
vaccinia virus developed tumors. The tumors included reticulo-
sarcoma, adenocarcinoma and multitudinal forms.

Includes 2 tables, 9 figures and 18 references, of which
8 American, 1 Russian and 9 Rumanian.

1/1

- 16 -

BIANKI, N.A.; EYDENKAL'DT, V.A.

Effect of infrared spectrometer parameters on the relationship
between the spectrum purity and the slit width. Inzh.-fiz.zhur.
no.7:117-119 Jl '58. (MIRA 11:8)
(Spectrometer)

BIANKI, Peter

Super receiver for 2 m band. Radiotekhnika 11 no.11:333-334
N '61.

BLANKI, V.I.

Asymmetry in electrical reactions of the frog brain in
response to differently located light sources. Zhur. vys.
nerv. deiat. 13 no.6:1087-1096 N.D '63. (MIKA 17:7)

I. Kafedra fiziology vysokoy nervnoy chelyest' Leningradskogo
gosudarstvennogo universiteta.

BIANKI, Vit.

The most and best! IUn.mat.no.1:25-27 Ap '56. (MIRA 9:9)
(Birds)

BIANKI, Vit.

Club of "Columbuses." IUn.nat. no.8:23-26 Ag '57. (MLRA 10:8)
(Nature study)

BIANKI, Vit.

Club of the "Columbuses." IUn. nat. no. 4:10-12 Ap '57. (MLRA 10:6)
(Nature study)

V. BIANKI

BIANKI, Vit.

Club of "Columbuses" (conclusion). IUn.nat. no.11:31-33 N '57.
(MIRA 10:10)
(Nature study)

BIANCHI, Vitaliy Valentinovich, 1894-

[Forest newspaper for every year] Lesnaya gazeta na kazhdyyi god.
9 izd., dop. Leningrad, Detgiz, 1958. 534 p. (MRA 12:1)
(Nature study)

BLANKI, Vit.; MALISHEVSKIY, M.

Bettle from Colorado. IUn,nat. no.4:22-24 Ap '58. (MIRA 11:4)
(Potato bettle)

BIANKI, Vit.; MALISHEVSKIY, M.

Colorado potato beetle (continuation). IUn. nat. no.5:6-8 My '58.
(**MIRA** 11:5)
(Agricultural pests)

BIANKI, Vit.; MALISHEVSKIY, M.

Beetle from Colorado (conclusion). IUn. nat. no. 7:31-32 Jl '58.
(MIRA 11:9)
(Potato beetle)

BIANKI, Vitaliy

Instilling joy. Zdorov'e 5 no.7:25-26 J1 '59. (MIRA 12:11)
(NATURE STUDY)

SHARK, T.M. (Handwritten)

The spring of light in the Kandalaksha area. Triptala 54 min.4:
125-126 Ap 195. (MILIT 10:5)

Bianki, V.L.

USSR/Human and Animal Morphology - Comparative Physiology

R-2

Abs Jour : Referat Zhur - Biologii, No 16, 1957, 704C1D

Author : Bianki, V.L.

Title : Comparative Physiology of the Paired Work of the Large Semi-Spheres of the Brain.

Orig Pub : Avtoref. diss. kand. biol. n. LGU, L.1956

Abstract : No abstract

Card 1/1

- 83 -

BLANKI, V.L.

Development of symmetrical tactile differentiation in dogs. Zhur.
vys.nerv. deiat. 6 no.2:286-291 Mr-Ap '56. (MIRA 9:8)

1. Laboratoriya fiziologii vysshoy nervnoy deyatelinosti Leningrad-
skogo gosudarstvennogo universiteta im. A.A.Zhdanova.

(REFLEX, CONDITIONED

develop. of tactile symmetrical differentiation
reinforced by unconditioned factors)

Bianki, B.L.

USSR/Human and Animal Physiology - The Nervous System.

V-10

Abs Jour : Ref Zhur - Biol., No 2, 1958, 9057

Author : B.L. Bianki

Inst : "

Title : The Production of Differentiation Inhibition from the
Cornua of the Uterus in Dogs.

Orig Pub : Fiziol. zhurnal SSSR, 1946, 42, No 10, 907-912

Abstract : Acid saliva conditioned reflexes to the mechanical stimulation of the uterine mucosa (through a fistula) appeared in dogs on the 11th-19th combination and were reinforced toward the 26-56th. Stimulation of another portion of the same cornu and of a symmetrical portion of the other uterine cornu provoked the conditioned reflex, a fact which attests to the possibility of the uterus functioning as a single unit. Differentiation upon stimulation of a symmetrical portion of the other cornua appeared after the 7-15th application of the stimulus and was somewhat

Card 1/2

BIANKI, V.L.

Interaction between the right and left side of the visual analyser
in fishes and turtles before and after transection of the commissura
cerebri anterior. Uch. zap. IgU no.222:164-174 '57. (MIRA 10:8)

1. Laboratoriya fisiologii vysshy nervnoy deyatel'nosti Leningrad-
skogo Gosudarstvennogo universiteta.
(BRAIN--LOCALIZATION OF FUNCTIONS)
(SIGHT) (CONDITIONED RESPONSE)

EXCERPTA MEDICA Sec 2 Vol 12/4 Physiology Apr 59

1354. EFFECTS OF PARTIAL TRANSECTION OF CORPUS CALLOSUM IN DOGS UPON DIFFERENTIATION OF VISUAL, AUDITORY AND CUTANEOUS STIMULI (Russian text) - Bianki V. L. Lab. of Physiol. of Higher Nervous Activity, Leningrad Univ. - FIZIOL. ZH. 1958, 44/8 (701-708)

Graphs 4 Illus. 1

After partial transection of the anterior division of the corpus callosum in 2 dogs, the conditioned differentiation between 2 light stimuli, between 2 acoustic stimuli (metronome at a rate of 60 and 120 beats/min.), and 2 tactile stimuli (symmetrical points on the right and left leg) was impaired, particularly for the visual stimuli. The impairment was of long duration (over 6 months), but some compensation developed.

Simonson - Minneapolis, Minn.

BIANKI, Vit; MALLISHEVSKIY, M.

Colorado beetle (continuation). IU nat. no. 6:15-16 Je '58.
(MIRA 12:12)
(Potato beetle)

AYRAPET'YANTS, E.Sh.; BIANKI, V.L.

Interoceptive conditioned reflexes following separation of the cerebral hemispheres. Uch. zap. IgU no.239:59-63 '58.

(MIRA 12:1)

1. Laboratoriya fiziologii vysshey nervnoy deyatel'nosti Fiziolicheskogo instituta Leningradskogo gosudarstvennogo universiteta i laboratoriya interotseptivnykh uslovnykh refleksov Instituta fiziologii AN SSSR.

(CONDITIONED RESPONSE)

BIANKI, V.L.

Symmetrical differentiation of cutaneous reactions in the lower
monkeys. Uch. zap. IGU no.239:77-82 '58. (MIRA 12:1)

1. Laboratoriya fiziologii vysshey nervnoy deyatel'nosti Fizio-
logicheskogo instituta Leningradskogo gosudarstvennogo universiteta
i laboratoriya interotseptivnykh uslevnykh refleksov Instituta
fiziologii AN SSSR.

(SKIN) (CONDITIONED RESPONSE)

SOLOV'YEV, Aleksandr Vasil'yevich; KURTSIN, I.T., otv.red.; BIANKI, V.L.,
red.izd-va; PMVZNER, R.S., tekhn.red.

[New data on the secretory function of the stomach and the
pancreas] Novye dannye o sekretornoi funktsii zheludka i
podzheludochnoi zhelesy. Moskva, Izd-vo Akad.nauk SSSR,
1959. 156 p. (MIRA 12:6)

(PANCREAS--SECRECTIONS) (STOMACH--SECRECTIONS)

MERKULOV^A, Ol'ga Sergeyevna; CHERNIGOVSKIY, V.N., otv.red.; BIANKI,
V.L., red.izd-va; TARASOV, G.A., red.izd-va; KRUGLIKOV^A,
N.A., tekhn.red.

[Interoceptors and skeletal musculature] Interotseptory i
skeletnsia muskulatura. Moskva, Izd-vo Akad.nauk SSSR,
1959. 238 p. (MIRA 12:6)

1. Chlen-korrespondent AN SSSR (for Chernigovskiy).
(NERVOUS SYSTEM) (MUSCULOSKELETAL SYSTEM)

BIANKI, V.L.

Role of the corpus callosum in paired activity of the visual and cutaneous analysors in rabbit [with summary in English]. Zhur.vys.nerv.deiat. 9 no.1:116-125 Ja-F '59. (MIRA 12:3)

1. Laboratory of Physiology of Higher Nervous Activity, Leningrad University.

(BRAIN, physiol.

corpus callosum, role in paired activity of visual & cutaneous analyzers in rabbits (Rus))

(REFLEX, CONDITIONED,

corpus callosum in paired activity of visual & cutaneous analyzers in rabbits (Rus))

BIANKI, V.L.

Mechanism of the relationship between symmetric cortical centers
of the visual analyser. Zhur. vys. nerv. deiat. 9 no.6:872-879
N-D '59. (MIRA 13:9)

1. Laboratory of Physiology of Higher Nervous Activity, Leningrad
University.
(CEREBRAL CORTEX) (VISION)

AYRAPET'YANTS, E.Sh.; BIANKI, V.L.

Development of spatial analysis and paired work of the forebrain.
Vop. srav. fiziol. anal. no. 1:41-46 '60. (MIRA 14:4)

1. The Higher Nervous Activity Physiological Laboratory, University
of Leningrad.
(SPACE PERCEPTION) (BRAIN)

BIANKI, V.L.

Properties and structure of a monocular conditioned reflex in fishes.
Vop. srav. fiziol. anal. no. 1:79-93 '60. (MIRA 14:4)

1. The Higher Nervous Activity Physiological Laboratory, University
of Leningrad.
(CONDITIONED RESPONSE) (EYE—WOUNDS AND INJURIES)

BIANKI, V.L.; ZABOYEVA, N.V.

Characteristics of the olfactory and visual analyzers in fishes. Vop.
srav. fiziol. anal. no. 1:94-106 '60. (MIRA 14:4)

1. The Higher Nervous Activity Physiological Laboratory, University
of Leningrad.

(CONDITIONED RESPONSE) (BRAIN) (SMELL) (VISION)

BIANKI, V.L.

Physiological structure of the visual analyser in fishes as
related to its bilateral function. Vest. LGU 15 no.3:150-163
'60. (MIRA 13:1)

(Sense organs--Fishes) (Vision)

BIANKI, V.L.

Spatial analysis and bilateral symmetry of the fish brain. Vest
IGU 15 no.15:107-119 '60. (MIRA 13:8)
(Nervous system--Fishes) (Brain)
(Space perception)

....., V.L.

Spatial analysis and bilateral symmetry of the feline ear.
Report No. 2: Auditory analysis of space. Vest. RAN
no. 3:118-132 '61. (1961)

(Sense organs--Pisces) (Hearing)
(Space perception)

BIANKI, V.L.

Materials on electrophysiological characteristics of the optical
analyser in fish. Nauch. dokl. vys. shkoly; biol. nauki no.2:
88-93 '62. (MIRA 15:5)

1. Rekomendo rana kafedroy fiziologii vysshey nervnoy deyatel'nosti
Leningradskogo gosudarstvennogo universiteta im. A.A.Zhdanova.
(SENSE ORGANS—FISHES) (EYE)
(ELECTROPHYSIOLOGY)

BIANKI, V.L.; DEMINA, G.A.

Conditioned reflexes of fish after the removal of half of the
cerebellum or the tectum opticum of the mesencephalon. Vest. LGU
18 no.9:73-80 '63. (MIRA 16:6)
(Conditioned response) (Nervous system--Fishes)

AYRAPET'YANTS, E.Sh.; BIANKI, V.L.

Paired activity of the cerebral hemispheres and some aspects of
the higher nervous activity in animals. Zhur. vys. nerv. deiat.
14 no.2:247-262 Mr-Ap '64. (MIRA 17:6)

1. Chair of Physiology of Higher Nervous Activity, Leningrad Uni-
versity.

BIANKI, V.L.; DUSHABAYEV, Z.R.

Morphophysiological structure of the optic analyzer in amphibia as
related to its bilateral functioning. Vest. LGU 19 no.3:88-99
'64. (MIRA 17:3)

S. S. BLAUM, V. I.

Receptor function of the air bladder in fishes and the cerebellum.
Biolok. zhur. 49 No.4 (Mk.-SD) Ap. '69. (MIRA 17:4)

1. From the Department of Physiology of Higher Nervous Activity,
Leningrad University.

BIANKI, V.L.; MOROZOVA, N.P.

Effect of sectioning the corpus callosum on the differentiation
of geometrical shapes and sizes of visual stimuli in rats.
Zhur. vys. nerv. deiat. 14 no.5:876-882 S-O '64.

(MIFB 17:14)

1. Chair of Physiology of Higher Nervous Activity, Leningrad
University.

BIANKI, V.I.

Formation factors in the evolution of the paired forebrain.
Vest. IgU 19 no.15:54-71 '64.

(MIRA 17:11)

BIANKI, V. V.

Comparative characteristics of the effect of the section of the corpus callosum in rats on the differentiation of space stimuli of different modalities. Vest. LGU 20 no.15:120-127 '65.
(MIRA 18:9)

BLAIRE, V.L.; VIMMITSKY, L.M.

Cardiac conditioned reflexes in pigs after their return from sterilization.
Dokl. AN SSSR 164 no.6:1432-1435 - 1965.

(MIRA 18:10)
I. Leningradskiy gosudarstvennyy universitet im. A.A. Ilyinova i
Vysshaya sel'skokhozyayatstvennaya shkola, Tula ob., Rossishaya
Narodnaya Respublika.

BIANKI, V.V.

Peregrine falcon in Kandalaksha Bay. Ornitologija no.3:71-79 '60.
(MIRA 14:6)
(Kandalaksha Bay region--Falcons)

BIANKI, V.V.

Migrations of long-tailed titmice in the northwestern U.S.S.R.
Ornitologija no.6:466 '63. (MIRA 17:6)

BIANKI, V.V. (Kandalaksha)

Winter in the north. Priroda 53 no.1:124-125 '64. (MIRA 17:2)

PRIKLONSKIY, S.G.; BIANKI, V.V.; KARPOVICH, V.M.; KUDRIK, V.V.; LAVROVINA,
I.M.; SAPETIN, Ya.V.

Catching birds by automatic live traps. Trudy OGZ no.1:402-424
'62.
(MIRA 17:9)

BLANOV, B.

Occupational melanoses caused by Kusbasslak. Dermato vener
Sofia 1 no.3:30-33 '62.

1. Iz Okrughniia kozhno-venerologichen dispanser, Burgas
(gl. lekar P. Despotov).

BIANOV, B.

Clinical, laboratory, statistical, and experimental studies in
the etiology and pathogenesis of toxic melanoderma. Dermato-
vener Sofia 3 no.2:85-91 '61.

1. Provincial Dermatovenerologic Dispensary, Burgas (Chief Physician: B. Despotov).

BIANOV, G., inzh.

Earthen piles. Na stroi.Ros. 3 no.6:12-13 Je '62. (MIRA 16:7)
(Piling (Civil engineering))

BIANTOVSKIY, K.A.

Feasibility of achromatizing a birefringent prism. Trudy NIIGMP
no.10:107-109 '61. (MIRA 15:5)
(Achromatism) (Prisms)

NICOLAU, C. T., Conf.; LEIBA, H., dr.; BIANU, G., dr.

Clinical and hematological changes caused by radioactive isotope
(P³²) therapy of polycythemia. Med. int., Bucur. 8 no.2:220-230
Apr-May 56.

1. Lucrare facuta la Clinica de hematologie I.P.S.M. din Spitalul
C.F.R. nr. 2 (Seful catedrei conf. C. T. Nicolau).

(POLYCYTHEMIA VERA, therapy

radiophosphorus, clin. & hematol. aspects)

(PHOSPHORUS, radioactive

ther. of polycythemia, clin. & hematol. aspects)

(BLOOD, eff. of drugs on

radiophosphorus, in polycythemia)

NICOLAU, C. T., Conf.; BIANU, G., dr.; POPESCU, E., dr.

Notes on megaloblastosis in acute leukosis. Med. int., Bucur.
3 no.7:1027-1035 Nov 56.

1. Lucrare efectuata in clinica de hematologie I.P.S.M.
Spitalul "C.F.R." nr. 2 Bucuresti.
(ANEMIA HYPERCHROMIC, case reports
megaloblastic, with leukosis)
(LEUKEMIA, case reports
leukosis with megaloblastic anemia)

EXCERPTA MEDICA Sec 6 Vol 14/6 Internal Med. June 60

3886. MEGALOBLASTIC GRANULATIONS - A propos des granulations du mégalo-
blaste - Bianu G., Clin. Hématol., Bucarest - SANG 1959, 30/1 (9-13)

A description is given of a rare morphological appearance of the megaloblasts in pernicious anaemia. In the case studied, some of the megaloblasts presented numerous azurophilic granulations. The morphological appearance of the nucleus suggests that these granulations originate from the nucleus; however, Feulgen's reaction, which was applied to these preparations, was absolutely negative. The conclusion is drawn that these granulations represent an intermediate stage - which has become pathologically visible under the microscope - between the nuclear substance (DNA) and RNA, which is found in the cytoplasm of young erythropoietic cells in the form of unshaped elements. The possibility of direct participation of the nucleus in the production of the ribonucleotides of the cytoplasm in the erythropoietic system in certain cases is discussed and considerations are made on the nuclear origin of the azurophilic granulations in the other cellular systems (granulocytes, megakaryocytes).